

# EMERGENCY RESPONSE SUMMARY REPORT

FOR

**K-SOLV FIRE 04072021  
1015 LAKESIDE DRIVE  
CHANNELVIEW, HARRIS COUNTY, TEXAS**



**Prepared for**

**U.S. Environmental Protection Agency, Region 6**  
1201 Elm Street, Suite 500  
Dallas, Texas 75270-2102

EPA Contract Number EP-S5-17-02  
Technical Direction Document No. 0001/21-399  
Weston Work Order No. 20600.012.001.1399  
NRC Nos. 1302215 and 1302230  
SEMS ID TXD988044806  
FPN N/A  
SSID A687  
EPA OSC Gary Moore

Prepared by



**Weston Solutions, Inc.**  
2600 Dallas Parkway, Suite 280  
Frisco, Texas 75034

**May 2021**



90087936

## EMERGENCY RESPONSE SUMMARY REPORT

### 1. SUMMARY OF ACTIONS

On 07 April 2021, the U.S. Environmental Protection Agency (EPA) activated the EPA Region 6 Superfund Technical Assessment and Response Team (START) contractor, Weston Solutions, Inc. (WESTON®), under Technical Direction Document (TDD) No. 0001/21-399, to provide technical support and to compile written and photographic documentation (Attachment E and Attachment F, respectively) of emergency response activities at the K-Solv Fire 04072021 site (Site) located in Channelview, Harris County, Texas. A Site Location Map is included as Attachment A. This report provides details of the incident and the Site location, as well as a summary of emergency response actions taken by EPA, local and state government agencies, and the facility owner/operator and its contractors.

The Site is located south of Interstate 10 (I-10), near the intersection of De Zavalla Road and Lakeside Drive, at 1015 Lakeside Drive, Channelview, Harris County, Texas. The geographic coordinates for the incident location are 29.767982° North and 95.104035° West as determined by Global Positioning System (GPS) software based on the World Geodetic System – 1984 (WGS-84) datum. The Site is located on the west bank of the Old River, an oxbow of the San Jacinto River, within a mixed residential, industrial area. Residential properties are located to the north and west, the San Jacinto River and commercial establishments are located to the east, and commercial buildings and a treatment plant are located to the south. The nearest residential area is located west of the facility across from an electrical transmission line right-of-way. A Site Area Map and a Site Layout Map are included as Attachment B and Attachment C, respectively.

The incident consisted of a facility fire in the warehouse west of Lakeside Drive and north of De Zavalla Road. The fire resulted in an uncontrolled chemical release occurring at the K-Solv, LP (K-Solv) Channelview facility. The fire was discovered in the warehouse by K-Solv, the potentially responsible party (PRP), on the afternoon of 07 April 2021, at approximately 1600 hours. The Channelview Fire Department and Harris County Hazmat responded to the fire. The fire lasted approximately 2.5 hours. K-Solv has reported the incident resulted from the transfer of

a Toluene/Naptha mixture into a container which resulted into a fire that spread to the entire container storage area.

K-Solv is a provider of chemical distribution and maritime services. The types of chemicals distributed by K-Solv are acids, aromatic hydrocarbons, ketones, alcohols, chlorinated solvents, surfactants, aliphatic hydrocarbons, esters, amines, glycols, oils, glycol ethers, and other compounds.

At 1735 hours, the Texas Commission on Environmental Quality (TCEQ) notified EPA of the incident. K-Solv reported that 20,000 gallons of hazardous chemicals were involved in the fire. These are summarized in a State of Texas Environmental Electronic Reporting System (STEERS) report submitted by K-Solv and provided as Attachment G. There were two National Response Center reports, one at 1739 hours local time from a concerned citizen (NRC No. 1302215), and one from K-Solv representatives at 2038 hours (NRC No. 1302230), provided as Attachment H. At the time of the incident, K-Solv representatives indicated the fire may have occurred and spread while a drum was being filled under high wind conditions. The PRP had hired a contract firefighting crew that worked alongside the Channelview Fire Department. The Channelview Fire Department was the lead agency during the fire and the TCEQ was the lead agency during the Site cleanup. The TCEQ and Harris County dispatched teams to perform environmental air monitoring and to ensure actions were taken to minimize environmental impacts. The PRP-contracted firefighting crew provided overnight monitoring of the Site for any flareups while the PRP team performed cleanup activities in coordination with the TCEQ.

At approximately 1815 hours, the EPA On-scene Coordinator (OSC) and START contractors (EPA Team) were dispatched to the incident location and arrived on-site at 1940 hours and 2015 hours, respectively. The EPA Team coordinated with TCEQ and observed that the fire was out, and smoldering areas were being monitored by firefighting crews. In addition, the PRP hired the Center for Toxicology and Environmental Health (CTEH) to perform community air monitoring and other tasks, as needed. It was reported that a shelter-in-place order was issued just before 1800 hours by Harris County. According to a TCEQ representative, the shelter-in-place notice was lifted at 1910 hours. The U.S. Coast Guard (USCG) reported that the waterway had not been impacted. The TCEQ indicated that their initial air monitoring identified a reading of 1 part per million (ppm)

of volatile organic compounds (VOCs) but since that time there were no additional detections. The EPA Team performed air monitoring around the area using a MultiRAE for VOCs, carbon monoxide, lower explosion limit, and hydrogen sulfide. The EPA Team did not observe any detections above background. An Air Monitoring Location Map is included as Attachment D. TCEQ demobilized from the Site at 2100 hours. The EPA Team demobilized from the Site at approximately 2200 hours. No further action is anticipated by EPA. An EPA Spot Report is included as Attachment I. A copy of the Initial/Final Pollution Report (POLREP) is provided as Attachment J.

This summary report was prepared as part of the requirements of TDD No. 0001/21-399 and serves as documentation of work completed to date.

## 2. LIST OF ATTACHMENTS

Attachment A - Site Location Map

Attachment B - Site Area Map

Attachment C - Site Layout Map

Attachment D - Air Monitoring Location Map

Attachment E - Site Logbook

Attachment F - K-Solv Fire 04072021 Photograph Report

Attachment G - K-Solv STEERS Report

Attachment H - NRC Report Nos. 1302215 and 1302230

Attachment I - Spot Report

Attachment J - Pollution Report (POLREP)

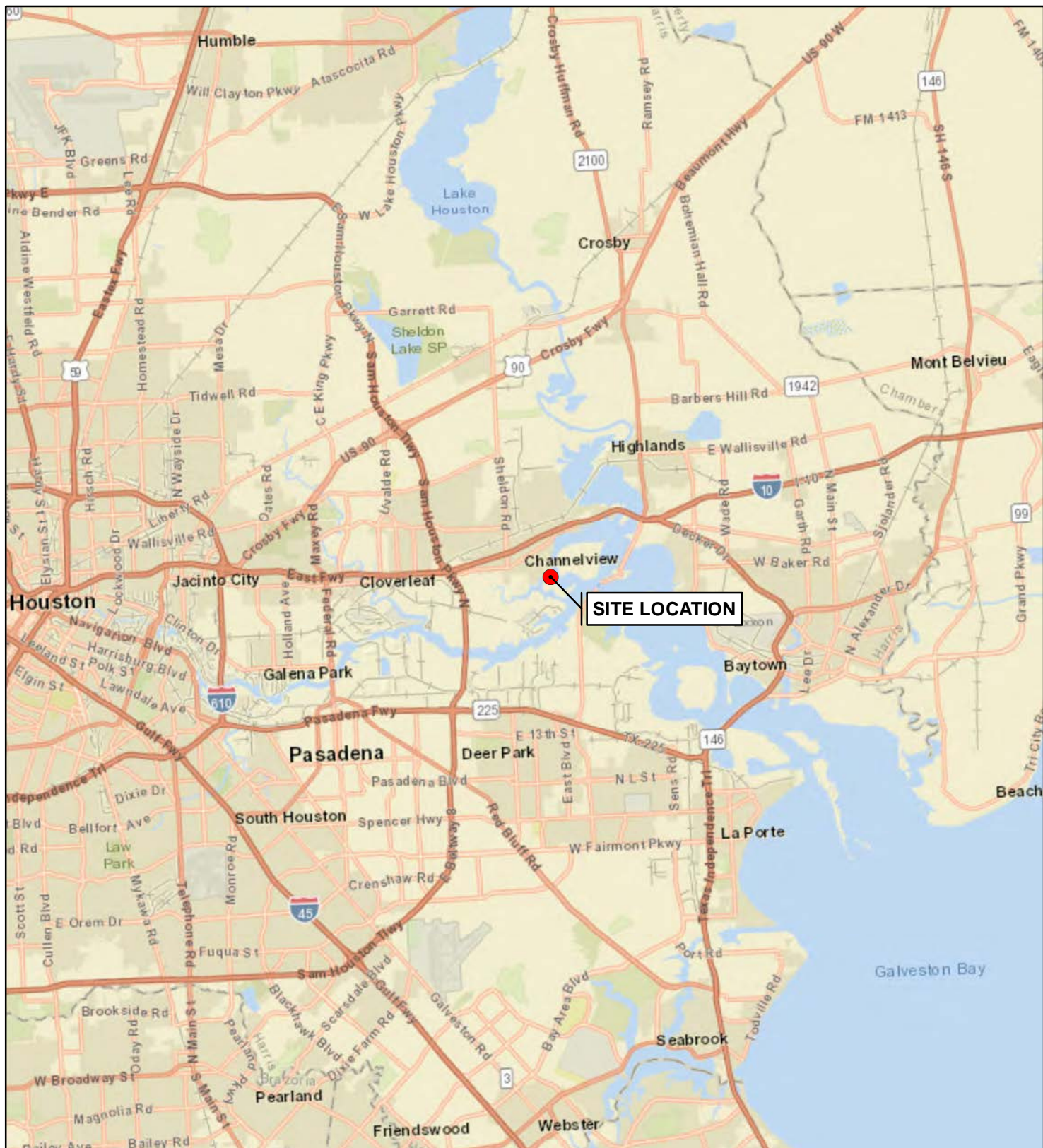
☐

The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.

☒

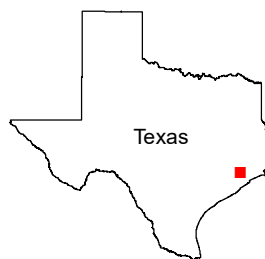
The EPA Task Monitor has provided final approval of this report. Therefore, Weston Solutions, Inc. has submitted this report with the Task Monitor's approval.

**ATTACHMENT A**  
**SITE LOCATION MAP**



# LEGEND

● SITE LOCATION



0 4 8  
MILES

SOURCE: WORLD STREET MAPS; ESRI  
TDD: 0001/21-399  
NRC: 1302215 and 1302230  
SSID: A687  
SEMS ID: TXD988044806



USEPA REGION 6

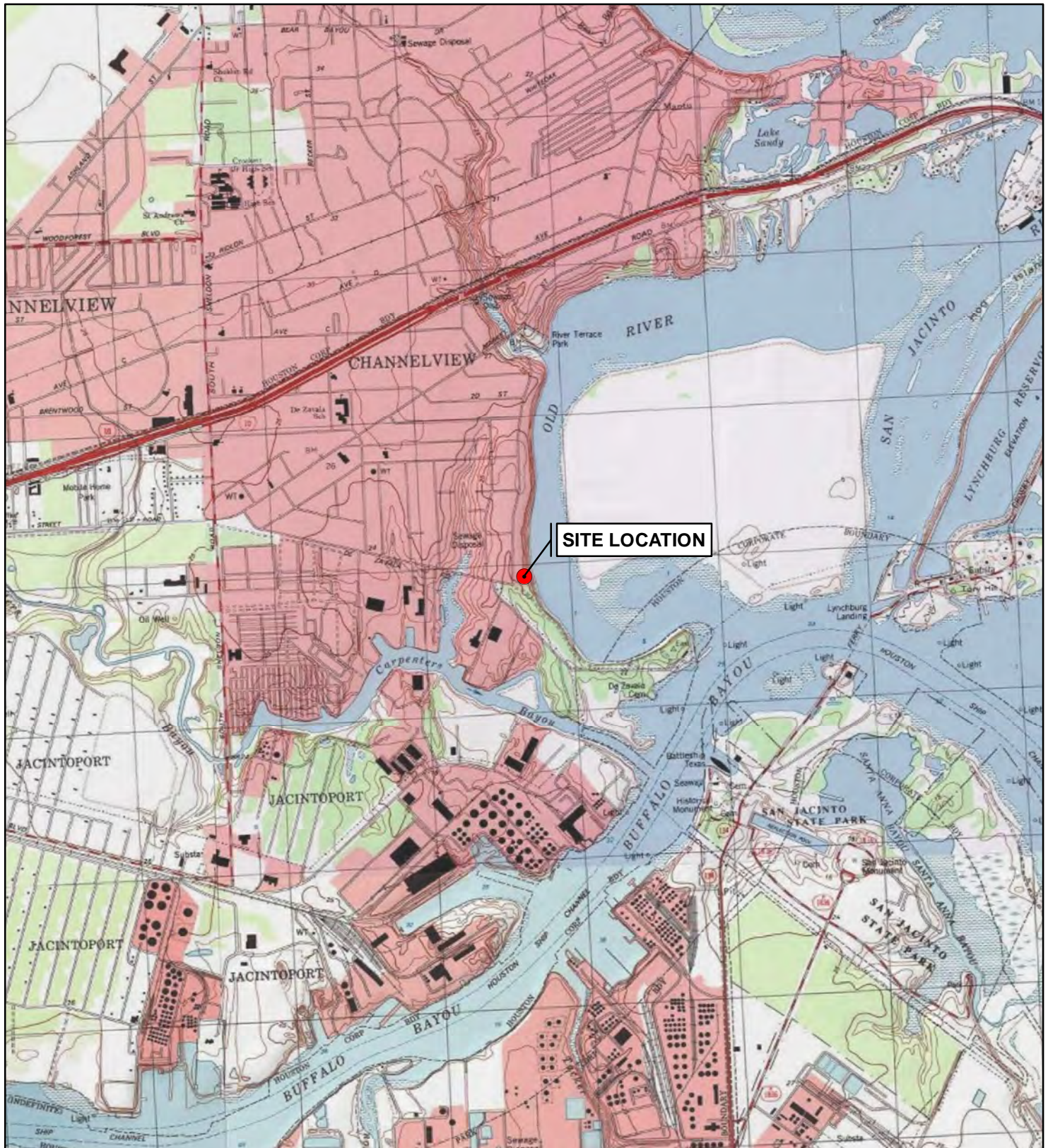
ATTACHMENT A  
SITE LOCATION MAP  
K-SOLV FIRE 04072021  
1015 LAKESIDE DRIVE  
CHANNELVIEW, HARRIS COUNTY, TEXAS

DATE MAY 2021	PROJECT NO 20600.012.001.1399	SCALE AS SHOWN
------------------	----------------------------------	-------------------

**ATTACHMENT B**

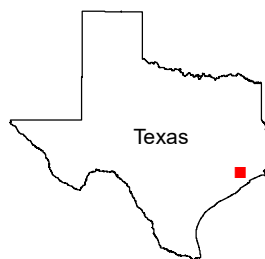
**SITE AREA MAP**





#### LEGEND

● SITE LOCATION



SOURCE: NATIONAL GEOGRAPHIC TOPO; ESRI  
TDD: 0001/21-399  
NRC: 1302215 and 1302230  
SSID: A687  
SEMS ID: TXD988044806

0 3,000 6,000  
FEET



USEPA REGION 6

#### ATTACHMENT B SITE AREA MAP

K-SOLV FIRE 04072021  
1015 LAKESIDE DRIVE  
CHANNELVIEW, HARRIS COUNTY, TEXAS

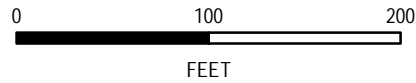
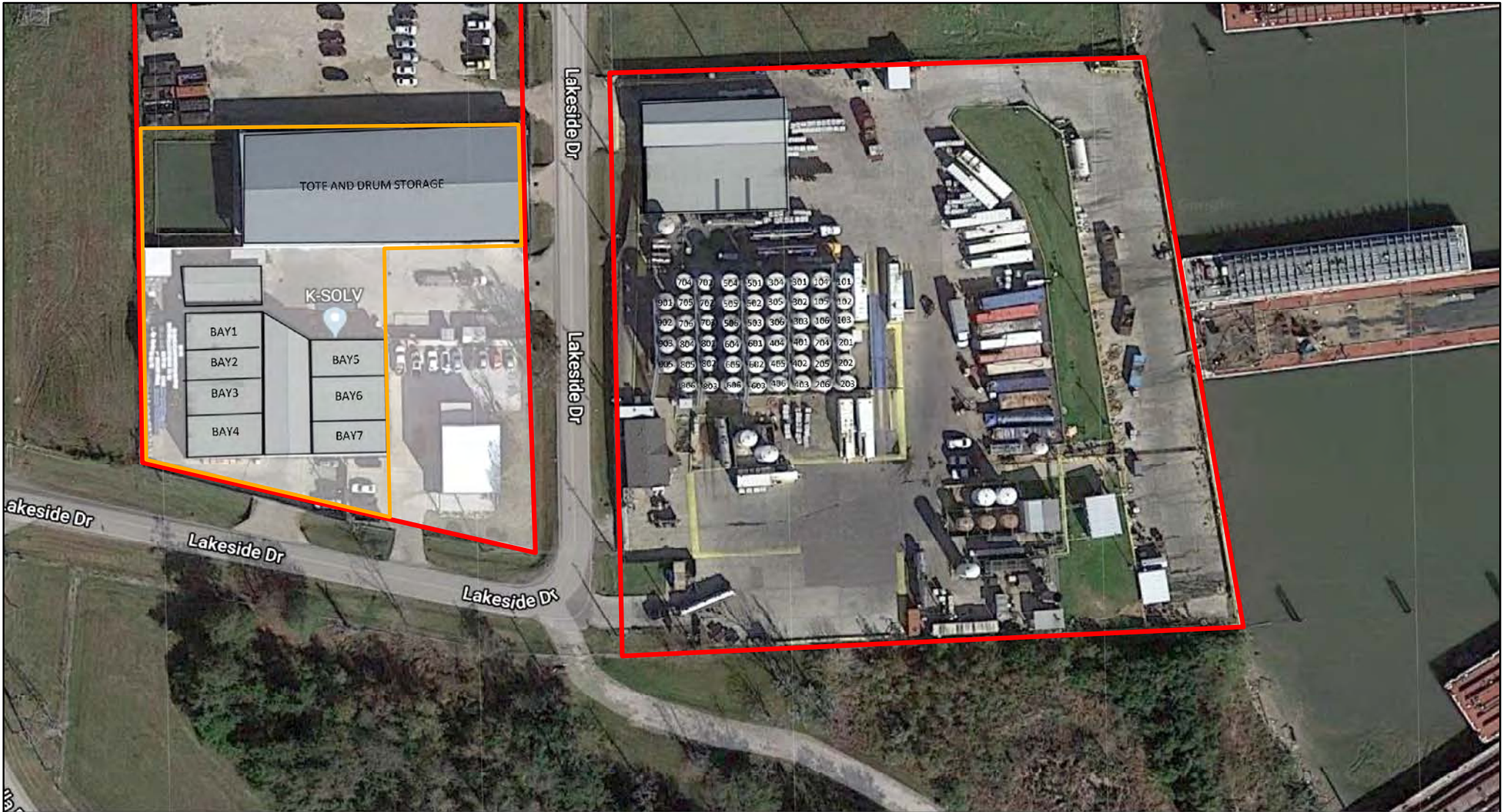
DATE  
MAY 2021

PROJECT NO  
20600.012.001.1399

SCALE  
AS SHOWN



**ATTACHMENT C**  
**SITE LAYOUT MAP**



#### LEGEND

- BURN AREA
- K-SOLV PROPERTY BOUNDARY

SOURCE: GOOGLE EARTH, 2020  
TDD: 0001/21-399  
NRC: 1302215 and 1302230  
SSID: A687  
SEMS ID: TXD988044806



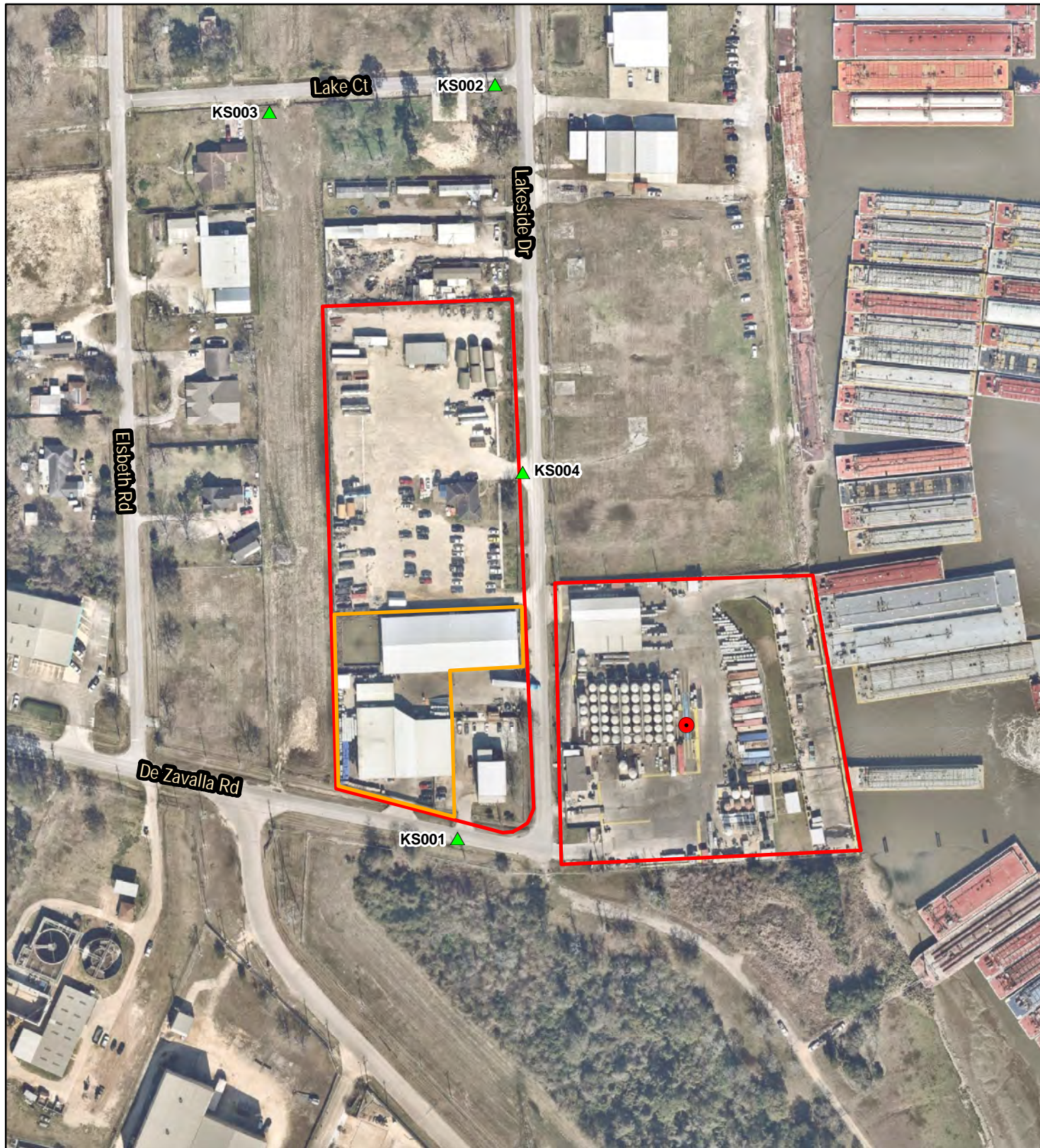
USEPA REGION 6

ATTACHMENT C  
SITE LAYOUT MAP  
K-SOLV FIRE 04072021  
1015 LAKESIDE DRIVE  
CHANNELVIEW, HARRIS COUNTY, TEXAS

DATE	PROJECT NO	SCALE
JUNE 2021	20600.012.001.1399	AS SHOWN

**ATTACHMENT D**  
**AIR MONITORING LOCATION MAP**

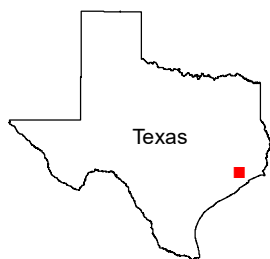




# LEGEND

- ▲ AIR MONITORING LOCATION
- BURN AREA
- K-SOLV PROPERTY BOUNDARY

SOURCE: © NEARMAP IMAGERY, 2021  
TDD: 0001/21-399  
NRC: 1302215 and 1302230  
SSID: A687  
SEMS ID: TXD988044806



0 200 400  
FEET



USEPA REGION 6

**ATTACHMENT D**  
**AIR MONITORING LOCATIONS MAP**  
K-SOLV FIRE 04072021  
1015 LAKESIDE DRIVE  
CHANNELVIEW, HARRIS COUNTY, TEXAS

DATE  
JUNE 2021

PROJECT NO  
20600.012.001.1399

SCALE  
AS SHOWN



**ATTACHMENT E**  
**SITE LOGBOOK**

**—DEFYING—  
MOTHER NATURE®**

SINCE 1916



All components of  
this product are recyclable

***Rite in the Rain***

A patented, environmentally  
responsible, all-weather writing paper  
that sheds water and enables you to  
write anywhere, in any weather.

Using a pencil or all-weather pen,  
*Rite in the Rain* ensures that your  
notes survive the rigors of the field,  
regardless of the conditions.

© 2018  
JL DARLING LLC  
Tacoma, WA 98424-1017 USA  
[www.RiteintheRain.com](http://www.RiteintheRain.com)

Item No. 391FX  
ISBN: 978-1-60134-188-4

Made in the USA  
US Pat No. 6,863,940



*Rite in the Rain®*

ALL-WEATHER  
**JOURNAL**

Nº 391FX

KSOLV FIRE 4072021  
Chanelview, Harris  
County, TX

The logo is a yellow rectangular label with a black border. At the top, it says "MADE IN TACOMA" in a small, black, sans-serif font. Below that, in a slightly larger font, is "— SINCE 1916 —". The main text, "Rite in the Rain", is written in a large, elegant, black cursive script. At the bottom, it says "— DEFYING MOTHER NATURE —" in a black, sans-serif font.

Phone

Project SSID: A0687  
WON: 20600.012.001.1399



**RiteintheRain.com**

2 04/07/2020 KSOV Fire 0407202/

1800 Activate

2014 Arrive Meet OSC. ——— TAN

CTEH Monitoring ——— TAN

1910 Shelter in Place listed ——— TAN

No Foam Used Reported by TCEQ ——— IL

K-Solv Contractor on site ——— TAN

Hazmat International ——— TAN

Owner on site ——— TAN

2052 Calibrate Multi Pce WSH00795 ——— IL

O<sub>2</sub>, Pass 18/10 LEL Pass 50/50 ——— TAN

CO Pass 50/50 H<sub>2</sub>S Pass 10/10 ——— TAN

Fire Began around 1400 1600 ——— TAN

Derrick ——— TAN

Channelview FD ——— TAN

Harris County HAZMAT ——— TAN

Haz Mat Special Service ——— TAN

2200 House TCEQ Depart 2100 ——— IL

START Depart Site ——— TAN

To Wagon  
04/07/2024

SSID: A687

WON. 20600.012.001.1399 3

End of  
log book



**ATTACHMENT F**

**K-SOLV FIRE 04072021 PHOTOGRAPH REPORT**



# K-Solv Fire 04072021 Photo Report



Incident Name: K-Solv Warehouse

Event Name: K-Solv Fire 04072021

Photo Type: Facility Overview

Direction: NW

Photo Name: 20210407\_2039-01

Date and Time: 4/7/2021 20:39:00

Latitude: 29.767513

Longitude: -95.104461

Photographer: Tom Walzer

Witness: Chance Britton

Caption: Southwest corner of fence where warehouse was before the fire



# K-Solv Fire 04072021 Photo Report



Incident Name: K-Solv Warehouse  
Event Name: K-Solv Fire 04072021  
Photo Type: Facility Overview  
Direction: NE  
Photo Name: 20210407\_2039-02  
Date and Time: 4/7/2021 20:39:00  
Latitude: 29.767513  
Longitude: -95.104461  
Photographer: Tom Walzer  
Witness: Chance Britton  
Caption: Center of entrance on De Zavalla Road.



# K-Solv Fire 04072021 Photo Report



Incident Name: K-Solv Warehouse  
Event Name: K-Solv Fire 04072021  
Photo Type: Facility Overview  
Direction: NE  
Photo Name: 20210407\_2039-03  
Date and Time: 4/7/2021 20:40:00  
Latitude: 29.767488  
Longitude: -95.104461  
Photographer: Tom Walzer  
Witness: Chance Britton  
Caption: Center of entrance on De Zavalla Road.



**ATTACHMENT G**  
**K-SOLV STEERS REPORT**

**Confirm Initial Notification to Send to TCEQ**  
**Regulated Entity: RN100616721 Today's date is: 04/08/2021**

<b>Incident Tracking Number:</b>		<b>Incident Status:</b>	OPEN		
<b>Submittal Type:</b>	INITIAL NOTIFICATION				
<b>Name of Owner or Operator:</b>	K-SOLV LP	<b>Regulated Entity Number:</b>	RN100616721		
<b>Physical Location:</b>	1015 LAKESIDE DRIVE				
<b>Event/Activity Type:</b>	EMISSIONS EVENT				
<b>Date and Time Event Discovered or Scheduled Activity Start:</b>	04/07/2021 @ 16:00				
<b>Event Duration:</b>	2 hours, 30 minutes				
<b>Process Unit or Area Common Names</b>					
Container Storage					
<b>Facility Common Name</b>			<b>Facility Identification Number (FIN)</b>		
Bay Storage			BS		
Outside Storage Warehouse			OSW		
<b>Emission Point Common Name:</b>			<b>Emission Point Number:</b>		
Container Storage			CS		
<b>List of Air Contaminant Compounds</b>					
Description	Est. Quantity/ Opacity	Units	Emission Limit	Units	Authorization
Toluene	4636	POUNDS	0		None
Xylene	331	POUNDS	0		None
Monoethanolamine	4825	POUNDS	0		None
Isopropanol	28951	POUNDS	0		None
Methyl isobutyl ketone	28008	POUNDS	0		None
Base oil	5311	POUNDS	0		None
Butyl acetate	11383	POUNDS	0		None
Diethanolamine	13945	POUNDS	0		None
Diethylene glycol	1208	POUNDS	0		None
distillate oil residue	47699	POUNDS	0		None
Ethylenediamine	300	POUNDS	0		None
Glycol ethers	3343	POUNDS	0		None
Trichloroethylene	1122	POUNDS	0		None
Propyl Acetate	3973	POUNDS	0		None
Propanol, n-	11161	POUNDS	0		None
Tetrahydrofuran	24806	POUNDS	0		None
Naphtha	15188	POUNDS	0		None

Triethanolamine	1761	POUNDS	0		None
Propan-2-ol, 1-methoxy-	2008	POUNDS	0		None
N-Butyl alcohol	13377	POUNDS	0		None
Paraffins	1193	POUNDS	0		None
Dipropylene Glycol	1445	POUNDS	0		None
Dodecylbenzenesulfonic acid	3203	POUNDS	0		None
Turpentine	2123	POUNDS	0		None
Heptane,-n	331	POUNDS	0		None
Glycols	7897	POUNDS	0		None
Hydrochloric acid	15798	POUNDS	0		None
Methyl Acetate	532	POUNDS	0		None
Methyl methacrylate	4289	POUNDS	0		None
Methylene chloride	2217	POUNDS	0		None
N-Methyl-2-pyrrolidone	1698	POUNDS	0		None
Propylene Glycol	27786	POUNDS	0		None
Butyl alcohol, tert-	2259	POUNDS	0		None
Tetrachloroethylene	24806	POUNDS	0		None
2,2,4-Trimethyl-1,3-Pentanediol Isobutyrate	2705	POUNDS	0		None
Alcohols	983	POUNDS	0		None
2-Phosphono-1, 2, 4-Butanetricarboxylic Acid	1242	POUNDS	0		None
4-Nonylphenol branched, ethoxylated	1947	POUNDS	0		None
Dodecylbenzene sulfonic acid (DDBSA)	3203	POUNDS	0		None
Parachlorobenzotrifluoride (PCBTF)	2122	POUNDS	0		None
Sodium tolytriazole	4974	POUNDS	0		None

**Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:**

During transfer of a Toluene / Naptha Mixture to a container, a fire started that spread to the entire container storage area.

**Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:**

Firefighting commence immediately with local responder joined by community firefighters. The ditches and retention pond were blocked off to contain runoff from the event. After the fire was extinguished, efforts commenced to remove runoff from the containment areas via vacuum trucks to offsite disposal.

**Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:**

Emissions were calculated for the fire and spill release to air using conservative mass balance for materials noted in current container storage inventory record.

<b>Person Making Notification:</b>	Gary Weatherly	<b>Date/Time:</b>	04/08/2021 08:31:08 PM
<b>Notifier Phone:</b>	713-8296097 ext:		
<b>Incident Contact:</b>	Bennard Nelson		
<b>Contact E-mail:</b>	bnelson@omies.com		
<b>Contact Phone:</b>	713-539 ext: 1304		
<b>Notification Jurisdictions:</b>	REGION 12 - HOUSTON		

<b>Affirmative Defense</b>	The owner or operator of the regulated entity asserts this reported event or activity, as applicable, meets the applicable affirmative defense criteria. NO
<b>Publication Status:</b>	VERIFIED

I agree that data displayed in this report is the exact data or is acceptably equivalent to the data provided for the specified regulated entity, and the information is, to the best of my knowledge, true, accurate and complete. By entering my password and pressing the 'Confirm Submit' button, I agree that:

1. I am Gary R Weatherly, the owner of the STEERS account ER079566.
2. I have the authority to submit this data on behalf facility located at RN100616721.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally submitting 1 incident record.

This document was signed by Gary R Weatherly.

Signature Hash: 51A4992D215A899EF332B49595E3004FFDB42A0EE0E6CBBBD005717CAF6CABDD

The following is additional information contained in your Copy of Record:

Submission IP address: 73.255.93.247

Submission date and time: 04/08/2021 08:31:10 PM

Submission STEERS Version: 6.41

Submission Confirmation Number: 173736

Submission Data Hash Code: AB7EDA0A95C7633FEFEE0658C92F706E0E16D50462BC6DBAB87E9120BFD59887

STEERS AEME Incident Id: 183279



# Air Emission Event Report Database Incident 354013

<b>Incident Tracking Number:</b>	354013	<b>Incident Status:</b>	CLOSED		
<b>Report Type:</b>	FINAL	<b>Report Date:</b>	04/21/2021		
<b>Name of Owner or Operator:</b>	K-SOLV LP	<b>CN:</b>	CN602495640		
<b>Regulated Entity Name:</b>	K SOLV	<b>RN:</b>	RN100616721		
<b>Physical Location:</b>	1015 LAKESIDE DR; CHANNELVIEW, TX 77530				
<b>County:</b>	HARRIS				
<b>Event/Activity Type:</b>	EMISSIONS EVENT				
<b>Date and Time Event Discovered or Scheduled Activity Start:</b>	04/07/2021 03:48 PM				
<b>Date and Time Event or Scheduled Activity Ended:</b>	04/07/2021 06:30 PM				
<b>Event Duration:</b>	2 hours, 42 minutes				
<b>Process Unit or Area Common Names</b>					
Container Storage					
<b>Facility Common Name</b>			<b>Facility Identification Number (FIN)</b>		
Bay Storage			BS		
Outside Storage Warehouse			OSW		
<b>1 - Emission Point Common Name:</b>			<b>Emission Point Number:</b>		
Container Storage			CS		
<b>List of Air Contaminant Compounds - 43 total</b>					
<b>Description</b>	<b>Est. Quantity/Opacity</b>	<b>Units</b>	<b>Emission Limit</b>	<b>Units</b>	<b>Authorization</b>

2-Phosphono-1, 2, 4-Butanetricarboxylic Acid	78.0	POUNDS	0.0		None
4-Nonylphenol branched, ethoxylated	982.0	POUNDS	0.0		None
Alcohols	2632.0	POUNDS	0.0		None
Alkoxylated polyamine	8453.0	POUNDS	0.0		None
Base oil	1240.0	POUNDS	0.0		None
Benzyl Alcohol	7286.0	POUNDS	0.0		None
Butyl acetate	536.0	POUNDS	0.0		None
Butyl alcohol, tert-	5884.0	POUNDS	0.0		None
Diethanolamine	11550.0	POUNDS	0.0		None
distillate oil residue	21428.0	POUNDS	0.0		None
Dodecylbenzene sulfonic acid (DDBSA)	1005.0	POUNDS	0.0		None
Ethanol	763.0	POUNDS	0.0		None
Ethylenediamine	732.0	POUNDS	0.0		None
Glycol ethers	13704.0	POUNDS	0.0		None
Glycols	11256.0	POUNDS	0.0		None
Heptane,-n	3995.0	POUNDS	0.0		None
Hydrochloric acid	339.0	POUNDS	0.0		None
Isobutanol	2297.0	POUNDS	0.0		None
Isopropanol	9792.0	POUNDS	0.0		None
Methanol	412.0	POUNDS	0.0		None
Methyl Acetate	89.0	POUNDS	0.0		None
Methyl isobutyl carbinol	209.0	POUNDS	0.0		None
Methyl isobutyl ketone	4744.0	POUNDS	0.0		None
Methyl methacrylate	1872.0	POUNDS	0.0		None
Methylene chloride	2999.0	POUNDS	0.0		None
Mineral Spirits	175.0	POUNDS	0.0		None
Monoethanolamine	1402.0	POUNDS	0.0		None
N-Butyl alcohol	5255.0	POUNDS	0.0		None

N-Methyl-2-pyrrolidone	446.0	POUNDS	0.0		None
Naphtha	7083.0	POUNDS	0.0		None
Paraffins	726.0	POUNDS	0.0		None
Propan-2-ol, 1-methoxy-	91.0	POUNDS	0.0		None
Propanol, n-	3446.0	POUNDS	0.0		None
Propyl Acetate	1138.0	POUNDS	0.0		None
Propylene Carbonate	9676.0	POUNDS	0.0		None
Sorbitol	745.0	POUNDS	0.0		None
Tetrachloroethylene	10516.0	POUNDS	0.0		None
Tetrahydrofuran	394.0	POUNDS	0.0		None
Toluene	1228.0	POUNDS	0.0		None
Trichloroethylene	1539.0	POUNDS	0.0		None
Triethanolamine	3005.0	POUNDS	0.0		None
Turpentine	1852.0	POUNDS	0.0		None
Xylene	2067.0	POUNDS	0.0		None

**Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:**

During transfer of a Toluene / Naptha Mixture to a container, a fire started that spread to the entire container storage area.

**Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:**

Facility personnel notified 911 at approximately 15:51. K-Solv activated OMI Environmental Services to respond at approximately 15:55. Activation of OMI allowed for various emergency response entities to assist with mitigation and monitoring of the event, (CTEH for air monitoring) and boom placement to prevent any possible releases. Firefighting commenced immediately with local responders joined by community firefighters. The ditches and retention pond were blocked off to contain runoff from the event. After the fire was extinguished, efforts commenced to remove runoff from the containment areas via vacuum trucks to offsite disposal.

**Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:**

Emissions were calculated for the fire and spill release to air using conservative mass balance for materials noted in current container storage inventory record.

<b>Initial Notification Date/Time:</b>	04/08/2021 08:31 PM	<b>Method:</b>	STEERS
<b>Notification Jurisdictions:</b>	REGION 12 - HOUSTON		
<b>Publication Status:</b>	VERIFIED BY A CUSTOMER		

**ATTACHMENT H**

**NRC REPORT Nos. 1302215 and 1302230**

Incident Report # 1302215

INCIDENT DESCRIPTION

\*\*\*\* THIS IS A POTENTIAL RELEASE \*\*\*\*

\*Report taken by NRC on 07-APR-21 at 18:39 ET.

Incident Type: FIXED

Incident Cause: UNKNOWN

Affected Area:

Incident was discovered on 07-APR-21 at 16:43 local incident time.

Affected Medium: NON-RELEASE (N/A)

---

REPORTING PARTY

Name: (b) (6)

Organization:

Address:

HOUSTON, TX

Email Address:

PRIMARY Phone: (b) (6)

Type of Organization: PRIVATE CITIZEN

---

SUSPECTED RESPONSIBLE PARTY

Name: UNKNOWN

Organization:

Address:

Type of Organization: UNKNOWN

---

INCIDENT LOCATION

1015 LAKESIDE DRIVE County: HARRIS

City: CHANNELVIEW State: TX Zip: 77530

K SOLV

---

POTENTIALLY RELEASED MATERIAL(S)

CHRIS Code: UNK Official Material Name: UNKNOWN MATERIAL

Also Known As:

Qty Released: 0 UNKNOWN AMOUNT

---

DESCRIPTION OF INCIDENT

CALLER IS REPORTING A FIRE AND A POTENTIAL RELEASE OF UNKNOWN MATERIALS AT  
A CHEMICAL FACILITY THAT IS NEXT TO THE OLD RIVER.

CALLER DID NOT HAVE A LOT OF INFORMATION TO PROVIDE.

---

INCIDENT DETAILS

Package: N/A

Building ID:

Type of Fixed Object: CHEMICAL FACILITY

Power Generating Facility: UNKNOWN

Generating Capacity:

Type of Fuel:

NPDES:

NPDES Compliance: UNKNOWN

---

IMPACT

Fire Involved: YES Fire Extinguished: NO

INJURIES: UNKNOWN Sent to Hospital:

Empl/Crew:

Passenger:

FATALITIES: UNKNOWN Empl/Crew:

Passenger:

Occupant:

EVACUATIONS: UNKNOWN Who Evacuated:

Radius/Area:

Damages: NO

Closure Type      Description of Closure

Hours  
Closed

Direction of  
Closure

Air: NO

Road: NO

Major  
Artery: NO

Waterway: NO

Track: NO

Passengers Transferred: NO



---

---

REMEDIAL ACTIONS

Release Secured: UNKNOWN  
Release Rate:  
Estimated Release Duration:

---

---

WEATHER

---

---

ADDITIONAL AGENCIES NOTIFIED

Federal:  
State/Local:  
State/Local On Scene: SHERIFFS DEPT, FD  
State Agency Number:

---

---

NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)  
07-APR-21 18:50 (770)4887100  
ASST COMDT FOR INTELLIGENCE (CG-2) (OFFICE OF INTELLIGENCE PLANS AND POLICY (CG  
07-APR-21 18:50 (202)3722886  
CGIS HOUSTON (SPECIAL AGENT CGIS)  
07-APR-21 18:50 (409)6827808  
CHEM SAFETY AND HAZARD INVEST BOARD (MAIN OFFICE)  
07-APR-21 18:50  
DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY OPERATION CENTER (SOC))  
07-APR-21 18:50  
DHS TEXAS FUSION CENTER (INTELLIGENCE OFFICERS)  
07-APR-21 18:50 (202)3068204  
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)  
07-APR-21 18:50 (202)3661863  
EPA CRIMINAL INVESTIGATION DIVISION (CID LOUISIANA)  
07-APR-21 18:50 (225)9258490  
EPA CRIMINAL INVESTIGATION DIVISION (CID REGION 6)  
07-APR-21 18:50 (218)9832287  
U.S. EPA VI (MAIN OFFICE)  
(866)3727745  
HARRIS COUNTY FIRE MARSHAL'S OFFICE (EMERGENCY OPERATIONS HAZMAT DIVISION)  
07-APR-21 18:50 (713)2741712  
HARRIS COUNTY POLLUTION CONTROL (EMERGENCY RESPONSE AND ENFORCEMENT)  
07-APR-21 18:50 (713)9202831  
HOUSTON POLICE DEPARTMENT (CRIMINAL INTELLIGENCE DIVISION)  
07-APR-21 18:50 (713)3088700  
HOUSTON REGIONAL INTEL SERVICE (FUSION CENTER)  
07-APR-21 18:50 (713)8844710  
JFO-LA (COMMAND CENTER)  
07-APR-21 18:50 (225)3366513  
CISA CENTRAL (MAIN OFFICE)  
07-APR-21 18:50 (202)2829201  
NOAA RPTS FOR TX (MAIN OFFICE)  
07-APR-21 18:50 (206)5264911  
OCCUPATIONAL SAFETY & HEALTH ADMIN (DALLAS OFFICE)  
07-APR-21 18:50 (972)8504178  
PORT OF HOUSTON AUTH POLICE DEPT (POLICE DEPARTMENT)  
07-APR-21 18:50 (713)6703611  
PORT OF HOUSTON AUTH POLICE DEPT (FIRE DEPARTMENT)  
07-APR-21 18:50 (713)6703626  
PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATION)  
07-APR-21 18:50 (202)3664031  
SAN ANTONIO POLICE DEPT (SOUTHWEST FUSION CENTER (SWFC))  
07-APR-21 18:50 (210)2077680  
SECTOR HOUSTON-GALVESTON (COMMAND CENTER)  
(281)4644855  
SECTOR HOUSTON-GALVESTON (INTELLIGENCE OPERATIONS)  
07-APR-21 18:50 (281)4644870  
DOI/OEPC (OEPC ALBUQUERQUE R6)  
07-APR-21 18:50 (505)5633572  
TCEQ (MAIN OFFICE)  
07-APR-21 18:50 (800)8328224  
TCEQ (REGION 12)  
07-APR-21 18:50 (512)2392507  
TEXAS FUSION CENTER (COUNTER TERRORISM)  
07-APR-21 18:50 (866)7865972  
TX DEPT OF STATE HEALTH SERVICES (COMMAND CENTER)  
07-APR-21 18:50 (512)7766351  
TX GENERAL LAND OFFICE (TXGLO REGION 2)  
07-APR-21 18:50 (281)4706597  
TEXAS STATE OPERATIONS CENTER (COMMAND CENTER)  
07-APR-21 18:50 (512)4242208  
USCG DISTRICT 8 (MAIN OFFICE)

07-APR-21 18:50 (504)5896225  
USCG DISTRICT 8 (PLANNING)  
07-APR-21 18:50 (504)6712080  
U.S. FISH AND WILDLIFE (REGION 2 SPILL RESPONSE COORDINATOR)  
07-APR-21 18:50 (505)2486652

---

ADDITIONAL INFORMATION

---

\*\*\* END INCIDENT REPORT # 1302215 \*\*\*  
Report any problems by calling 1-800-424-8802  
PLEASE VISIT OUR WEB SITE AT <http://nrc.uscg.mil>

Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1302230

INCIDENT DESCRIPTION

\*Report taken by NRC on 07-APR-21 at 21:38 ET.

Incident Type: FIXED

Incident Cause: UNKNOWN

Affected Area:

Incident occurred on 07-APR-21 at 16:00 local incident time.

Affected Medium: AIR / ATMOSPHERE / POSSIBLY GROUND

REPORTING PARTY

Name: COLETTE HOLLIS

Organization: OMI

Address: 1717 W 13TH STREET

DEER PARK, TX

Email Address: colettehollis@omies.com

PRIMARY Phone: (504)4152385

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: BEAU MCDONALD

Organization: KSOLV CHEMICALS

Address: 1015 LAKESIDE

CHANNELVIEW, TX

PRIMARY Phone: (985)2328676

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

1015 LAKESIDE County: HARRIS

City: CHANNELVIEW State: TX

KSOLV CHEMICALS

RELEASED MATERIAL(S)

CHRIS Code: UNK Official Material Name: UNKNOWN MATERIAL

Also Known As: UNKNOWN VARIOUS CHEMICALS

Qty Released: 20000 GALLON(S)

DESCRIPTION OF INCIDENT

CALLER IS REPORTING A FIRE AND A RELEASE OF NO MORE THAN 20,000 GALLONS OF  
VARIOUS HAZARDOUS CHEMICALS AT THE INCIDENT LOCATION. IT IS CURRENTLY  
UNKNOWN WHAT CAUSED THE FIRE. NO INJURIES OR FATALITIES WERE REPORTED. THE  
FIRE IS EXTINGUISHED.

THE QUANTITY STATED FOR THE AMOUNT RELEASED IS A WORST CASE SCENARIO AND  
MAY NOT BE THE ACTUAL AMOUNT RELEASED. IT IS CURRENTLY UNKNOWN IF THE  
MATERIALS WERE SPILLED ONTO THE GROUND OR BURNED UP IN THE ATMOSPHERE.

INCIDENT DETAILS

Package: N/A

Building ID:

Type of Fixed Object: CHEMICAL FACILITY

Power Generating Facility: UNKNOWN

Generating Capacity:

Type of Fuel:

NPDES:

NPDES Compliance: UNKNOWN

IMPACT

Fire Involved: YES Fire Extinguished: YES

INJURIES: NO Sent to Hospital:

Empl/Crew:

Passenger:

FATALITIES: NO Empl/Crew:

Passenger:

Occupant:

EVACUATIONS: UNKNOWN Who Evacuated:

Radius/Area:

Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>
Air:	NO
Road:	NO
Waterway:	NO

<u>Hours Closed</u>	<u>Direction of Closure</u>
---------------------	-----------------------------

Major  
Artery: NO

Track: NO  
Passengers Transferred: NO  
Environmental Impact: UNKNOWN  
Media Interest: UNKNOWN

---

---

REMEDIAL ACTIONS

UNKNOWN  
Release Secured: UNKNOWN  
Release Rate:  
Estimated Release Duration:

---

---

WEATHER

---

---

ADDITIONAL AGENCIES NOTIFIED

Federal:  
State/Local:  
State/Local On Scene: FD, PD  
State Agency Number:

---

---

NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)  
07-APR-21 21:59 (770)4887100  
ASST COMDT FOR INTELLIGENCE (CG-2) (OFFICE OF INTELLIGENCE PLANS AND POLICY (CG  
07-APR-21 21:59 (202)3722886  
CGIS HOUSTON (SPECIAL AGENT CGIS)  
07-APR-21 21:59 (409)6827808  
CHEM SAFETY AND HAZARD INVEST BOARD (MAIN OFFICE)  
07-APR-21 21:59  
DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY OPERATION CENTER (SOC))  
07-APR-21 21:59  
DHS TEXAS FUSION CENTER (INTELLIGENCE OFFICERS)  
07-APR-21 21:59 (202)3068204  
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)  
07-APR-21 21:59 (202)3661863  
EPA CRIMINAL INVESTIGATION DIVISION (CID LOUISIANA)  
07-APR-21 21:59 (225)9258490  
EPA CRIMINAL INVESTIGATION DIVISION (CID REGION 6)  
07-APR-21 21:59 (218)9832287  
U.S. EPA VI (MAIN OFFICE)  
07-APR-21 22:02 (866)3727745 MOORE  
GULF STRIKE TEAM (MAIN OFFICE)  
07-APR-21 21:59 (251)4416601  
HARRIS COUNTY FIRE MARSHAL'S OFFICE (EMERGENCY OPERATIONS HAZMAT DIVISION)  
07-APR-21 21:59 (713)2741712  
HARRIS COUNTY POLLUTION CONTROL (EMERGENCY RESPONSE AND ENFORCEMENT)  
07-APR-21 21:59 (713)9202831  
HOUSTON POLICE DEPARTMENT (CRIMINAL INTELLIGENCE DIVISION)  
07-APR-21 21:59 (713)3088700  
HOUSTON REGIONAL INTEL SERVICE (FUSION CENTER)  
07-APR-21 21:59 (713)8844710  
JFO-LA (COMMAND CENTER)  
07-APR-21 21:59 (225)3366513  
CISA CENTRAL (MAIN OFFICE)  
07-APR-21 21:59 (202)2829201  
NOAA RPTS FOR TX (MAIN OFFICE)  
07-APR-21 21:59 (206)5264911  
OCCUPATIONAL SAFETY & HEALTH ADMIN (DALLAS OFFICE)  
07-APR-21 21:59 (972)8504178  
PORT OF HOUSTON AUTH POLICE DEPT (POLICE DEPARTMENT)  
07-APR-21 21:59 (713)6703611  
PORT OF HOUSTON AUTH POLICE DEPT (FIRE DEPARTMENT)  
07-APR-21 21:59 (713)6703626  
PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATION)  
07-APR-21 21:59 (202)3664031  
REPORTING PARTY (RP SUBMITTER)  
07-APR-21 21:59  
SAN ANTONIO POLICE DEPT (SOUTHWEST FUSION CENTER (SWFC))  
07-APR-21 21:59 (210)2077680  
SECTOR HOUSTON-GALVESTON (INTELLIGENCE OPERATIONS)  
07-APR-21 21:59 (281)4644870  
DOI/OEPC (OEPC ALBUQUERQUE R6)  
07-APR-21 21:59 (505)5633572  
TCEQ (MAIN OFFICE)  
07-APR-21 21:59 (800)8328224  
TCEQ (REGION 12)  
07-APR-21 21:59 (512)2392507  
TEXAS FUSION CENTER (COUNTER TERRORISM)  
07-APR-21 21:59 (866)7865972  
TX DEPT OF STATE HEALTH SERVICES (COMMAND CENTER)  
07-APR-21 21:59 (512)7766351

TX GENERAL LAND OFFICE (TXGLO REGION 2)

07-APR-21 21:59 (281)4706597

TEXAS STATE OPERATIONS CENTER (COMMAND CENTER)

07-APR-21 21:59 (512)4242208

USCG DISTRICT 8 (MAIN OFFICE)

07-APR-21 21:59 (504)5896225

USCG DISTRICT 8 (PLANNING)

07-APR-21 21:59 (504)6712080

U.S. FISH AND WILDLIFE (REGION 2 SPILL RESPONSE COORDINATOR)

07-APR-21 21:59 (505)2486652

---

ADDITIONAL INFORMATION

---

\*\*\* END INCIDENT REPORT # 1302230 \*\*\*

Report any problems by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT <http://nrc.uscg.mil>



**ATTACHMENT I**

**SPOT REPORT**



## Spot Report: K-Solv Chemical Facility Fire

### US Environmental Protection Agency

**Report Date: 4/07/2021**

*Last edited 4/07/2021 10:17 PM UTC*

**Overview:** On April 7, 2021 at approximately 16:00 hrs, a fire occurred at the K-Solv Chemical Distribution Facility located at 1015 Lakeside Drive, Channelview, TX. The EPA received the initial notification of this fire at approximately 17:35 hrs from the TCEQ Headquarters Office in Austin, TX. The EPA subsequently received notification from a local resident 17:39 hrs through the National Response Center(NRC). K-Solv attempted to make a report to the NRC at 17:43 hrs but was told a report had already been made. EPA interceded to insure that the company was able to make their required report which was made at 20:38 hrs. The company reported that up to 20,000 gallons of hazardous chemicals were involved in the fire. An inventory of those chemicals has not been provided but would be required to be submitted to the TCEQ. Information obtained from a company representative indicated that the fire may have occurred while filling drum which caught fire and spread via high winds.

**State, Local and other Federal Agency Actions:** The lead agency during the fire was the Channelview Fire Department. Upon completion of the firefighting effort, the TCEQ will be the lead Agency overseeing the cleanup effort by the Responsible Party.

The TCEQ and Harris County dispatched a teams to perform environmental air monitoring as well as to insure actions were taken to minimize environmental impacts. The TCEQ demobilized at 21:00 hrs. The RP contract firefighting crew will continue to monitor the site for any flareups overnight while the RP team plans for cleanup activities in coordination with the TCEQ.

**EPA Actions:** At approximately, 18:15 pm, EPA OSC and START Contractors were dispatched to the incident location and arrived on-scene at 19:40 and 20:15 hrs

respectively. The EPA Team coordinated with TCEQ and observed that the fire was out with some smoldering which continued to be worked by the firefighting crews. The RP had hired a contract firefighting crew that worked alongside the Channelview Fire Department. In addition, the RP had hired a contract air monitoring team (CTEH) to perform community air monitoring and other tasks. According to the TCEQ representative, the Shelter-in-Place was lifted at 19:10 hrs. The USCG reported that the waterway had not been impacted. The TCEQ indicated that early on in the fire, a reading of 1 ppm VOCs was recorded but since that time no additional detections. The EPA performed some air monitoring around the area and did not have any detections. The EPA team demobilized at approximately 22:00 hrs. No further action is anticipated by the EPA.

**Media Interest:** High

**Media Links:**

<https://abc13.com/chemical-plant-fire-lakeside-drive-channelview-texas-port-of-houston-industrial/10495700/>

**Note:**

**The EPA will continue to monitor and provide updates as needed**

**UNCLASSIFIED//FOR OFFICIAL USE ONLY**

**ATTACHMENT J**  
**POLLUTION REPORT (POLREP)**



U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
KSolvFire04072021 - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region VI

**Subject:** POLREP #1  
Initial/Final  
KSolvFire04072021  
A687  
Channelview, TX  
Latitude: 29.7679816 Longitude: -95.1040345

**To:** Craig Carroll, Region 6  
Salyer Kathleen, EPA  
Antony Buck, State

**From:** Idrissa Ouedraogo, OSC

**Date:** 4/8/2021

**Reporting Period:** 04/07/2021

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	A687	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	4/7/2021	<b>Start Date:</b>	4/7/2021
<b>Demob Date:</b>	4/7/2021	<b>Completion Date:</b>	4/7/2021
<b>CERCLIS ID:</b>	TXD988044806	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Active product storage facility

#### 1.1.2 Site Description

The incident occurred at an active chemical storage and transportation facility in an industrial and residential area on the banks of Old River in Channelview, Texas. The facility representative indicated that up to approximately 20,000 gallons of hazardous chemicals were stored on-site prior to the incident.

##### 1.1.2.1 Location

The facility is located at 1015 Lakeside Drive in Channelview, Harris County, Texas.

Latitude: 29.767746 North  
Longitude: -95.104270 West

KSolv is comprised of two facilities on either side of Lakeside Drive. The incident occurred at the chemical storage facility on the west side of Lakeside Drive. The KSolv maritime facility is located on the east side of Lakeside Drive and abuts the Old River.

The site vicinity includes the Old River to the east, residential northwest, residential and industrial to the north, and industrial to the west and south.

##### 1.1.2.2 Description of Threat

Threats from the facility fire included 1) both particulates and chemical emissions resulting from the fire and impacted chemical storage tanks and 2) potential runoff during fire suppression and leakage or discharges from chemical storage tanks impacted by the fire.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

On April 7, 2021 at approximately 16:00 hours, a fire occurred at the K-Solv Chemical Distribution Facility

located at 1015 Lakeside Drive, Channelview, TX. Firefighters responded along with local firefighter Hazmat teams. Texas Commission on Environmental Quality (TCEQ) and Harris County Pollution Control Services (HCPCS) responded to the incident. US Coast Guard responded to the incident due to the proximity to the Old River. EPA activated an OSC and START contractors to respond.

#### 2.1.2 Response Actions to Date

Firefighting activities had reduced the fire to smoldering areas by 20:00 hours and firefighters were continuing to monitor the scene. The EPA Team coordinated with TCEQ and observed that the fire was out with some smoldering which continued to be worked by the firefighting crews. The PRP had hired a contract firefighting crew that worked alongside the Channelview Fire Department .

The PRP had hired a contract air monitoring team (CTEH) to perform community air monitoring and other tasks. According to the TCEQ representative, the Shelter-in-Place was lifted at 19:10 hrs. The USCG reported that the waterway had not been impacted. The TCEQ indicated that early on in the fire, a reading of 1 ppm volatile organic compounds (VOCs) was recorded but since that time no additional detections were observed. The EPA performed some limited air monitoring around the area and did not observe any detections. The EPA team demobilized at approximately 22:00 hrs.

#### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

K-Solv  
1015 Lakeside Drive  
Channelview, Texas 77530

#### 2.1.4 Progress Metrics

No disposal metrics have been provided by the PRP as of the date of this report.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

No further action is anticipated by the EPA. The TCEQ will continue oversight of the incident cleanup activities.

### 2.3 Logistics Section

No information available at this time.

### 2.4 Finance Section

It is projected that EPA expenditures for this incident will be less than \$50,000.

### 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

Channelview Fire Department  
Harris County Pollution Control Services  
Texas Commission on Environmental Quality  
US Coast Guard  
EPA

## 4. Personnel On Site

Responding agencies and the PRP were on-site at their discretion.

## 5. Definition of Terms

No information available at this time.

## 6. Additional sources of information

6.1 Internet location of additional information/report  
[response.epa.gov/KSolvFire04072021](https://response.epa.gov/KSolvFire04072021)

#### 6.2 Reporting Schedule

No further POLREPs will be submitted for this incident.

## 7. Situational Reference Materials

No information available at this time.